## **AMENDMENTS**

This listing of claims will replace all prior versions and listings of claims in the application:

## Listing of claims:

- 1. (currently amended) A viscosity modifier for lubricating oil comprising an ethylene/ $\alpha$ -olefin copolymer (B) composed of:
  - (i) ethylene,
  - (ii) an  $\alpha$ -olefin of 3 or more carbon atoms, and
- (iii) a higher  $\alpha$ -olefin of 4 to 20 carbon atoms wherein the carbon number of (iii) is larger than that of (ii) by one or more, and

the ethylene/ $\alpha$ -olefin copolymer (B) has the following properties (b-1) and (b-2):

- (b-1) a content of ethylene (i) is in the range of  $40 \pm 60$  to 80 % by weight, a content of the  $\alpha$ -olefin of 3 or more carbon atoms (ii) is in the range of 15 to  $59 \pm 39$  % by weight, and a content of the higher  $\alpha$ -olefin of 4 to 20 carbon atoms (iii) is in the range of 0.1 to  $25 \pm 20$  % by weight with the proviso that the sum is 100 % by weight; and
- (b-2) a weight-average molecular weight (Mw) in terms of polystyrene as measured by GPC is between 80,000 and 400,000; and

- (b-3) the ethylene/ $\alpha$ -olefin copolymer (B) has an intensity ratio D of S $\alpha\beta$  to S $\alpha\alpha$  (S $\alpha\beta$ /S $\alpha\alpha$ ) determined by a <sup>13</sup>C-NMR spectrum of 0.5 or below.
- 2. (original) The viscosity modifier for lubricating oil as claimed in claim 1, wherein the ethylene/ $\alpha$ -olefin copolymer (B) has the property (b-3):
- (b-3) a ratio of Mw/Mn (Mn: number-average molecular weight) is 2.4 or less.
- 3. (original) The viscosity modifier for lubricating oil as claimed in claim 1 or 2, wherein the ethylene/ $\alpha$ -olefin copolymer (B) has the property (b-4):
- (b-4) a melting point (Tm) as measured by DSC is 60°C or lower.
- 4. (previously presented) The viscosity modifier for lubricating oil as claimed in claim 1, wherein the  $\alpha$ -olefin of 3 or more carbon atoms (ii) is propylene.
- 5. (previously presented) The viscosity modifier for lubricating oil as claimed in claim 1, wherein the carbon number of the higher  $\alpha$ -olefin (iii) is in the range of 6 to 20.

- 6. (previously presented) The viscosity modifier for lubricating oil as claimed in claim 1, wherein the ethylene/ $\alpha$ -olefin copolymer (B) contains (i) ethylene in an amount of 60 to 80 % by weight, (ii) an  $\alpha$ -olefin of 3 or more carbon atoms in an amount of 18 to 34 % by weight, and (iii) a higher  $\alpha$ -olefin of 4 of 20 carbon atoms in an amount of 0.5 to 20 % by weight.
- 7. (currently amended) A lubricating oil composition comprising:
  - (A) a lubricating oil base, and
- (B) an ethylene/ $\alpha$ -olefin copolymer in an amount of 1 to 30 % by weight, which copolymer is comprising:
  - (i) ethylene,
  - (ii) an  $\alpha$ -olefin of 3 or more carbon atoms, and
- (iii) a higher  $\alpha\text{-olefin}$  of 4 to 20 carbon atoms wherein the carbon number of (iii) is larger than that of (ii) by one or more, and

the ethylene/ $\alpha$ -olefin copolymer (B) has the following properties (b-1) and (b-2):

(b-1) a content of ethylene (i) is in the range of  $\frac{40}{60}$  to 80 % by weight, a content of the  $\alpha$ -olefin of 3 or more carbon atoms (ii) is in the range of 15 to  $\frac{59}{39}$  % by weight, and a content of the higher  $\alpha$ -olefin of 4 to 20 carbon atoms (iii) is

in the range of 0.1 to  $\frac{25}{20}$  % by weight with the proviso that the sum is 100 % by weight; and

- (b-2) a weight-average molecular weight (Mw) in terms of polystyrene as measured by GPC is between 80,000 and 400,000; and
- (b-3) the ethylene/ $\alpha$ -olefin copolymer (B) has an intensity ratio D of S $\alpha\beta$  to S $\alpha\alpha$  (S $\alpha\beta$ /S $\alpha\alpha$ ) determined by a <sup>13</sup>C-NMR spectrum of 0.5 or below.
- 8. (currently amended) A lubricating oil composition
  comprising:
  - (A) a lubricating oil base,
- (B) an ethylene/ $\alpha$ -olefin copolymer in an amount of 0.1 to 5 % by weight, which copolymer is comprising:
  - (i) ethylene,
  - (ii) an  $\alpha$ -olefin of 3 or more carbon atoms, and
- (iii) a higher  $\alpha$ -olefin of 4 to 20 carbon atoms wherein the carbon number of (iii) is larger than that of (ii) by one or more, and
- (C) a pour-point depressant in an amount of 0.05 to 5 % by weight;

wherein the ethylene/ $\alpha$ -olefin copolymer (B) has the following properties (b-1) and (b-2):

- (b-1) a content of ethylene (i) is in the range of  $40 \ \underline{60}$  to 80 % by weight, a content of the  $\alpha$ -olefin of 3 or more carbon atoms (ii) is in the range of 15 to  $\underline{59} \ \underline{39}$  % by weight, and a content of the higher  $\alpha$ -olefin of 4 to 20 carbon atoms (iii) is in the range of 0.1 to  $\underline{25} \ 20$  % by weight with the proviso that the sum is 100 % by weight; and
- (b-2) a weight-average molecular weight (Mw) in terms of polystyrene as measured by GPC is between 80,000 and 400,000; and
- (b-3) the ethylene/ $\alpha$ -olefin copolymer (B) has an intensity ratio D of S $\alpha\beta$  to S $\alpha\alpha$  (S $\alpha\beta$ /S $\alpha\alpha$ ) determined by a <sup>13</sup>C-NMR spectrum of 0.5 or below.
- 9. (original) The lubricating oil composition as claimed in claim 7 or 8, wherein the ethylene/ $\alpha$ -olefin copolymer (B) has the property (b-3):
- (b-3) a ratio of Mw/Mn (Mn: number-average molecular weight) is 2.4 or less.
- 10. (previously presented) The lubricating oil composition as claimed in claim 7, wherein the ethylene/ $\alpha$ -olefin copolymer (B) has the property (b-4):
- (b-4) a melting point (Tm) as measured by DSC is  $60\,^{\circ}\text{C}$  or lower.

- 11. (previously presented) The lubricating oil composition as claimed in claim 7, wherein the  $\alpha$ -olefin of 3 or more carbon atoms (ii) is propylene.
- 12. (previously presented) The lubricating oil composition as claimed in claim 7, wherein the higher  $\alpha$ -olefin (iii) has 6 to 20 carbon atoms.
- 13. (previously presented) The lubricating oil composition as claimed in claim 7, wherein the ethylene/ $\alpha$ -olefin copolymer (B) contains (i) ethylene in an amount of 60 to 80 % by weight, (ii) an  $\alpha$ -olefin of 3 or more carbon atoms in an amount of 18 to 34 % by weight, and (iii) a higher  $\alpha$ -olefin of 4 to 20 carbon atoms in an amount of 0.5 to 20 % by weight.